UDACITY

Wrangle OpenStreetMap Data

A part of the Data Analyst Nanodegree Program

PROJECT REVIEW
CODE REVIEW
NOTES

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Meets Specifications

Congratulations on passing this project 🎉. Great updates based on previous feedback! Everything now looks good.

Keep it up! I wish you all the best in your Nanodegree.

Code Functionality

Final project code functionality reflects the description in the project document.

Final project code functionality reflects the description in the project document. Great job 👏

Code Readability

Final project code follows an intuitive, easy-to-follow logical structure.

Final project code that is not intuitively readable is well-documented with comments.

Great job commenting for code that is not intuitively readable.

Problems encountered in your map

Student response shows understanding of the process of auditing, and ways to correct or standardize the data, including dealing with problems specific to the location, e.g. related to language or traditional ways of formatting.

Good work! You show solid understanding of the auditing process and ways to correct the data. A variety of issues are addressed. A good handle of regex is demonstrated in the audit/correction.

Some of the problems encountered during data audit are cleaned programmatically.

Well done!

Overview of the data

The OSM XML file is at least 50 MB uncompressed.

Database queries are used to provide a statistical overview of the dataset, like:

- size of the file
- number of unique users
- number of nodes and ways
- number of chosen type of nodes, like cafes, shops etc.

Additional statistics not in the list above are computed. For SQL submissions some queries make use of more than one table.

Good work providing a very interesting statistical overview of the dataset.

The submission document includes the database queries and statistics from above.

Other ideas about the dataset

Submission document includes one or more additional suggestions for improving the data or its analysis. The suggestions are backed up by at least one investigative query.

Nice job expanding the data exploration and including additional suggestions for improving the data. Standardizing street names and adding more information for nodes are both good ideas.

Submission document includes thoughtful discussion about the benefits as well as some anticipated problems in implementing the improvement.

Very thoughtful discussion about the benefits as well as some anticipated problems in implementing the improvements! You clearly think several steps ahead. Excellent job!

Thoroughness and Succinctness of Submission

Submission document is long enough to thoroughly answer the questions asked without giving unnecessary detail. A good general guideline is that the question responses should take about 3-6 pages.

Very good report! It is straight to the key points and very easy to follow.

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